



Interoffice Communication

To Distribution
From Peggy Marritt
Date October 1, 1981
Subject Relief Valve Discharges

Attached is a table summarizing all relief valve discharges reported to the EPA under NESHAP since 1975. Future relief valve discharges will be recorded in this table.

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JAD, JWW, GLF, MLA, DLD, MJM
Process Engineering Environmental File

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TABLE J. RELIEF VALVE DISCHARGES REPORTED TO EPA UNDER NESHAP REGULATIONS

<u>RV/VESSEL</u>	<u>DATE</u>	<u>TIME</u>	<u>DURATION</u>	<u>DISCHARGED(lbs)</u>	<u>DISCHARGED(lbs)</u>	<u>STATED CAUSE</u>	<u>STATED CORRECTIVE ACTION</u>
2 relief valves on vinyl barge owned by Choten Barge Co.	11-03-78	None Given	None Given	900	900	Overpressure in vessel's receiving tank.	Loading was stopped.
RV-643/S-207 A&B Vinyl chloride drying beds	10-03-79	0945	15 Seconds	1,543	1,543	Block valve on circulation line from beds was closed when system was placed in service causing beds to overpressure.	Opened block valve.
Relief valve on vinyl ship owned by Unigas Co. of Norway	5-28-80	1700	None given	13.6	13.6	Overpressure in the vessel's receiving tank.	Loading was stopped.
RV-204/C-202 HCL Column	7-16-80	1715	30 Seconds	10,980	4	Overpressured due to greater than anticipated inert gas concentration in the col.	Opened block valve in vent line to the thermal incineration unit.
RV-209/S-206 Caustic Decanter	10-24-80	0545	3 Minutes	2,500	2,500	Overpressured due to valve misalignment.	Opened block valve.
RV-201/C-201 Quench Column	10-26-80	0130	1 Minute	5,475	1,990	Emergency shutdown on a cracking furnace.	None stated.
RV-314/S-206 Caustic Decanter	8-25-81	1215	1 Second	77	77	Plugged sparger on S-207A	Switched to S-207B. Study the feasibility of emergency design changes.

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